



**PROPOSITION 84**  
**The Safe Drinking Water, Water Quality and Supply, Flood Control,**  
**River and Coastal Protection Bond Act of 2006**

**TECHNICAL REPORT**  
**CONSTRUCTION PROJECT**

<p><b>Water System Name:</b> _____</p> <p><b>Project Number:</b> _____ - _____</p> <p><b>Principal Contact:</b> _____ <i>Name and Title</i></p> <p>_____ <i>Phone Number and Email Address</i></p> <p><b>Project Engineer:</b> _____ <i>Name and Title</i></p> <p>_____ <i>Phone Number and Email Address</i></p>
---

Refer to the **Technical Report Guidelines** for detailed information on completing this form.

**A. WATER SYSTEM INFORMATION**

1. Describe the water system and its facilities. Include details relating to source, storage, treatment and distribution.

\_\_\_\_\_

2. Physical address of the water system and project location description (see guidelines).

\_\_\_\_\_

**Note: Attach maps that showing the service area, existing/proposed facilities, site plan, topography and parcels to be purchased.**

3. Agency that has jurisdiction over the water system

CDPH       LPA: \_\_\_\_\_ *(list the LPA county)*

4. Water Permit status, including the permit number, issue date, and a list of any amendments:

\_\_\_\_\_

---

**B. PROBLEM DESCRIPTION**

---

1. Describe the ranked problem being addressed by the construction project.

\_\_\_\_\_

2. Does the problem described above still exist? Attach supporting documents to justify the ranking (include the last two years of water quality data, most recent compliance orders, violations, citations, etc.)

\_\_\_\_\_

3. Is the project the same as what was described in the pre- application or has it changed?

The project is the same as described in the pre-application

The project has changed from that described in the pre-application (describe the new proposed project below)

\_\_\_\_\_

---

**C. ALTERNATIVE SOLUTIONS**

---

1. Describe each project alternative considered to correct the problem described in Section B.

\_\_\_\_\_

2. Describe the feasibility of consolidating with one or more water systems. Include the estimated cost of consolidation.

\_\_\_\_\_

---

**D. SELECTED PROJECT ALTERNATIVE**

---

1. Describe the proposed construction project and identify all major components.

\_\_\_\_\_

2. Describe how this project will solve the ranked problem. List all anticipated operational challenges that the project may impose and include any proposed solutions.

\_\_\_\_\_

3. Is the project consistent with local/county planning?

\_\_\_\_\_

4. If the proposed construction project is to consolidate, list all parties involved and identify the restructured water system that will remain after the project is complete. (Additional information regarding the other participating parties will be requested during the application process).

\_\_\_\_\_

---

**E. ELIGIBILITY**

---

1. List any project elements that may be ineligible or partially eligible (such as a portion of lab space devoted to the water treatment plant).

\_\_\_\_\_

2. List any land that will be purchased or acquired with Proposition 84 funds. Note: Only land or easements that are integral to the construction of source, treatment or distribution facilities is eligible for Prop 84 funding.

\_\_\_\_\_

---

**F. FINAL PLANS AND SPECIFICATIONS**

---

Describe the final plans and specifications as well as other technical aspects of the project, including the overall conceptual design (e.g. layout, flow diagrams, choice of unit processes, redundancy, reliability features). Attach the plans and specifications for the proposed project.

\_\_\_\_\_

1. Describe the methodology used to determine the peak flow water demand, the anticipated growth and its resultant water demand, average residential water rate, and fire flow.

\_\_\_\_\_

2. Describe how industrial and commercial water users impact the peak flow demand.

\_\_\_\_\_

3. List all major project components and identify their estimated useful life.

\_\_\_\_\_

4. If the project is to be phased, a description of the phases and the priority for completion of the phases is to be included.

\_\_\_\_\_

5. Project Costs

- a. Total Project Cost \$ \_\_\_\_\_

- b. Prop 84 Construction Funds Requested \$ \_\_\_\_\_

- c. Ineligible or partially eligible construction Items \$ \_\_\_\_\_

- d. Annual Increase in operation and maintenance (O&M) cost \$ \_\_\_\_\_

Attach the cost estimate necessary for the completion of the proposed construction project. Provide a detailed itemized list with description and anticipated cost associated with each item. Include all major construction components, non-construction costs, and ineligible items.

## G. PROPOSED SCHEDULE

Attach the project schedule for the proposed construction project. The schedule should follow the scope of work items associated with completing the project.

**Note:** Construction projects are required by our Prop 84 criteria to be completed no later than 3 years from the date of execution of a funding agreement.

## H. ATTACHMENTS TO TECHNICAL REPORT

See the checklist in the application for documents to be included with this construction project technical report. Make sure your water system's name and pre-application number are on every additional attachment.

## I. APPLICATION CERTIFICATION

Provide the signature and date for the Authorized Representative preparing the Technical Report. This certifies that the Authorized Representative possesses the expertise necessary to prepare the report and has been authorized to prepare the report by the water system's governing body. The Authorized Representative preparing the report attests to the accuracy of the information provided.

I hereby certify that this report was prepared by an authorized representative of this public water system and that the information provided in this Technical Report and supporting information is accurate to the best of my knowledge.

Authorized Representative's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Authorized Representative's Name (please print): \_\_\_\_\_

Authorized Representative's Title: \_\_\_\_\_